IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Matrix Switcher
Manufacturer:	Sierra Video Systems
Firmware Version:	N/A
Model(s):	1204V2, 1204V2S, 1204V3, 1204V3S, 1204V4, 1204V4S, 1204V5, 1204V5S, 1208V2, 1208V2S, 1208V3, 1208V3S, 1208V4, 1208V4S, 1208V5, 1208V5S, 84V2, 84V2S, 84V3, 84V3S, 84V4, 84V4S, 84V5, 84V5S, 88V2, 88V2S, 88V3, 88V3S, 88V4, 88V4S, 88V5, 88V5S

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	9/12/2011	1.4.0	3.2.0	Initial version.

Driver Notes:

- The driver has been written to accommodate a Matrix Switcher module of up to 12x8 Video inputs and outputs. Configuration is recommended through GC by selecting/deselecting commands and states implemented based on the Matrix Switcher model/plane specifications being used with this driver.

- This driver has been designed to control all levels at once without level breakaway or level re-routing, that also include audio/video breakaway. The audio switching will follow the video tie switching and the driver will only display the video tie information

Control Commands & States:

Input	1 – 12	
Output	1 – 8	Break all

Status Available:

Connection Status	Connected	Disconnected
Status	Matrix routes indexed by output*	

*This status is only available for visualization in GV.

MLC62 Supported Commands:

Due to the complexity of this driver, user defined commands are recommended.

Matrix Driver Operation:

Configuring input output(s) ties on a single button:

This section will describe how to configure an MLC/TLP front panel button with either a single input and output tie or single input to multiple output ties. Please note that there are a minimum of three selections required when configuring a tie in this method.

To configure a MLC/TLP front panel button with a single input and a single output tie follow the steps below.

1. Select the desired input from the "input" command.
2. Select the desired output from the "output" command.

To configure a MLC/TLP front panel button with multiple inputs and outputs repeat the steps above then follow the steps below.

1. Insert a one second delay.
2. Select the next desired output from the "output" command.

Configuring for direct matrix front panel emulation:

This section will describe how to configure a MLC front panel to produce an input output selection capability.

To configure a MLC front panel button input, create the following button operation.

1. Select the desired input from the "input" command.

To configure a MLC front panel button output, create the following button operations.

1. Select the desired output from the "output" command.

Cable and Adapter Requirements:

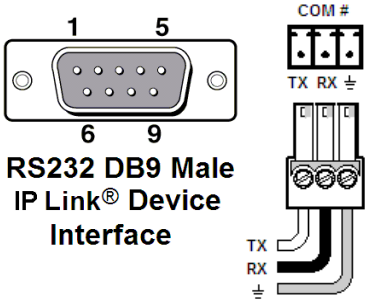
M/F RS-232 straight serial cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:

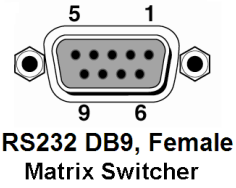
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: